

WHAT IS CLAIMED:

1. A method of scanning multi-sided documents, comprising:
 - (a) scanning a first side of a multi-sided document;
 - (b) prompting the user to insert the next side of the multi-sided document in a scanner device;
 - (c) detecting a ready response when the next side of the multi-sided document is ready for scanning;
 - (d) scanning the next side of the multi-sided document when the ready response is detected;
 - (e) producing a composite image by tiling the images of individual sides of the multi-sided document vertically, horizontally, or a combination of vertical and horizontal placements; and
 - (f) transferring the composite image from the TWAIN source to the application by the TWAIN protocol.
2. The method of claim 1, wherein the detecting includes receiving user input from a keyboard, a mouse, a voice activated device, or a button on the scanner device.
3. The method of claim 1, wherein the detecting includes reading the ON/OFF status of a document sensor on the scanner device.
4. The method of claim 1, further comprising displaying a TWAIN source user interface for the user to select or edit scanning parameters and options.
5. The method of claim 4, wherein the TWAIN source user interface includes an option to select single or multi-sided scanning and/or an option to enable the use of a document sensor to automatically start scanning when a document is detected on the scanner device.

6. The method of claim 1, wherein the multi-sided document is a card.
7. A method of scanning multi-sided documents, comprising:
 - (a) scanning a first side of a multi-sided document;
 - (b) prompting the user to insert the next side of the multi-sided document for scanning;
 - (c) detecting a ready response when the next side of the multi-sided document is ready for scanning;
 - (d) scanning the next side of the multi-sided document when the ready response is detected; and
 - (e) transferring the scanned images from the TWAIN source to the TWAIN application as a single composite image of vertically tiled images by sequentially scanning and transferring consecutive image rows of each side of the multi-sided document using the TWAIN buffered memory transfer method.
8. The method of claim 7, wherein the detecting includes receiving user input from a keyboard, a mouse, a voice activated device, or a button on the scanner device.
9. The method of claim 7, wherein the detecting includes reading the ON/OFF status of a document sensor on the scanner device.
10. The method of claim 7, further comprising displaying a TWAIN source user interface for the user to select or edit scanning parameters.
11. The method of claim 10, wherein the TWAIN source user interface includes an option to select single or multi-sided scanning or an option to enable the use of the document sensor to start scanning when a document is detected.

12. The method of claim 7, wherein the multi-sided document is a card.
13. A method of scanning documents, comprising:
- (a) displaying a TWAIN source user interface which allows the user to select or edit scanning parameters and options;
 - (b) providing an option in the TWAIN source user interface to enable/disable the use of the document sensor;
 - (c) waiting for user input to the user interface;
 - (d) checking the status of the document sensor on the scanner when the use of the sensor is enabled; and
 - (e) scanning automatically when a document is detected at the sensor when the use of the sensor is enabled.
14. The method of claim 13, further comprising a step (f) of closing automatically the user interface when the scanning starts or when the scanning is completed.
15. The method of claim 13, wherein the document is a card.
16. The method of claim 13, wherein the document is a multi-sided document.